



REC 16-161

Knollwood Energy of MA LLC  
P.O. Box 30  
Chester, New Jersey 07930

January 14, 2016

Debra A. Howland  
Executive Director  
New Hampshire Public Utilities Commission  
21 South Fruit Street, Suite 10  
Concord, NH 03301-2429

NHPUC 19 JAN 16 PM 2:54

Dear Ms Howland,

Enclosed please find applications for 12 systems to be part of the Knollwood Energy of MA LLC (NH-II-13-089) Class II Photovoltaic aggregation for New Hampshire Renewable Energy Certificates (RECs) generated from customer-sited sources, pursuant to New Hampshire Code of Administrative Rules Puc 2506.

Also enclosed are the Simplified Process Interconnection Application and Service Agreement, and the Certificate of Completion.

Electronic versions have been entered into the new online application system under batch number KN16007.

Michael Abbott  
Doug Averill  
Barrington Rollinsford Mill/Jack Bingham  
Timothy Bohlin  
Matt Boyer  
Alan Brady

Derek Brown  
George Chase  
John Chirico Jr.  
David Ciarla  
Bruce Courtney  
Shawn Hassell

Please feel free to contact me with any questions or further instructions.  
Thank you for your consideration,

Linda Modica  
New England REC Operations Manager  
**Knollwood Energy of MA LLC**  
973.879.7826  
[linda@knollwoodenergy.com](mailto:linda@knollwoodenergy.com)

## NH Public Utilities Commission

REC Aggregator Portal

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New Users [CLICK HERE](#) to setup your account for this form. Creating an account enables you to partially complete the form and return later to finish it or to make changes after the form is submitted. Be sure to create your account **BEFORE** entering information into the form, or the information will be lost.

Existing Users [CLICK HERE](#)

**Basic Information**

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Who is submitting this request?

Aggregator

Aggregator Batch Number

KN16007

Aggregator name

Knollwood Energy

Aggregator Email

linda@knollwoodenergy.com

Other Aggregator name

Other aggregator email address

Facility Owner Name

Shawn Hassell

Facility Owner email

s\_hassell@comcast.net

Owner Phone

603-370-8024

Facility Address

55 Page Road

Facility Town/City

Bow

Facility State

NH

Facility Zip

03304

Is the facility address the same as the owner's mailing address

☒ Yes

☐ No

Mailing Address

Mailing Town/City

Mailing State

Mailing Zip

Primary Contact (who should we call with questions)

Linda Modica

Contact Phone

Other Email Address

Facility Information

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Class

II

Utility

Unitil

Other Utility Name

To obtain a GIS ID contact:

James Webb

408 517 2174

jwebb@apx.com

GIS ID (include "NON")

NON59087

Date of Initial Operation

10/05/2015

Facility Operator Name, if applicable

Panel Quantity

29

Panel Make

SunEdison

Panel Model

F270

Panel Rated Output

270

System capacity based on panels

0.0783

Inverter Quantity

29

Inverter Make

Enphase Energy

Inverter Rated Output

215

Add'l Inverter Quantity

NA

Additional Inverter Make

None

Add'l Inverter Model

Rated Output - Primary Inverter

215

Rated Output - Additional Inverter

System capacity based on single inverter make

0.62

System capacity based on two inverter types

System capacity in mW as stated on the interconnection agreement

6.23

Revenue Grade Meter Make

AEE Solar

Was this facility installed directly by the customer (no electrician involved)?

☐ Yes

☒ No

Electrician Name & Number

Brian Pare12245M

Other Electrician Name & Number

Installation Company

SunRay Solar

Other Installation Company Name

Other Inst. Company Address

Other Inst. Company City

Other Inst. Company State

Other Inst. Company Zip

Independent Monitor Name & Company

Paul Button - Energy Audits Unlimited

Other Monitor Name and Company

Is the installer also the equipment supplier?

- ☒ Yes  
☐ No

Equipment Vendor

Please attach your completed interconnection agreement including Exhibit B.

[https://fs30.formsite.com/jan1947/files/f-5-99-5883529\\_4d60qTMz\\_Hassel\\_Application\\_Approved\\_132](https://fs30.formsite.com/jan1947/files/f-5-99-5883529_4d60qTMz_Hassel_Application_Approved_132)

The project described in this application will meet the metering requirements of PUC 2506 including:

Electricity generation in megawatt hours shall be reported to the GIS quarterly with a statement that the submission is accurate by the owner of the source, the independent monitor or a designated representative.

A revenue quality meter is used to measure the electricity generated.

The facility owner has certified to the independent monitor that the meter operates according to manufacturing standards.

The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Please attach additional document here

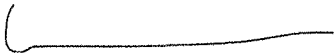
[https://fs30.formsite.com/jan1947/files/f-5-168-5883529\\_3l6SVmrq\\_Hassel\\_Exhibit\\_B.pdf](https://fs30.formsite.com/jan1947/files/f-5-168-5883529_3l6SVmrq_Hassel_Exhibit_B.pdf)

Please attach additional document here

[https://fs30.formsite.com/jan1947/files/f-5-173-5883529\\_hq5vpCUa\\_Hassell\\_NHOS.pdf](https://fs30.formsite.com/jan1947/files/f-5-173-5883529_hq5vpCUa_Hassell_NHOS.pdf)

Aggregator statement of accuracy

Sign your name using a mouse or, if you are using a touch-screen device, a stylus or other pointer.



Print Name

Linda Modica

Date Signed

01/14/2016



UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

GAS #1327

**Simplified Process Interconnection Application and Service Agreement**

Contact Information:

Date Prepared: 9/11/2015

Legal Name and address of Interconnecting Customer (or, Company name, if appropriate)

Customer Name (print): Shawn Hassell Contact Person, if Company: \_\_\_\_\_

Mailing Address: 55 Page Road

City: Bow State: NH Zip Code: 03304

Telephone (Daytime): 603-370-8024 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: s\_hassell@comcast.net

Alternative Contact Information (e.g., system installation contractor or coordinating company, if appropriate):

Name: SunRay Solar, LLC

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_

Facsimile Number: \_\_\_\_\_ E-Mail Address: Amanda@spreadthesunshine.com

Electrical Contractor Contact Information (if appropriate):

Name: SunRay Solar, LLC Telephone: 603-225-6001

Mailing Address: 124A Hall Street

City: Concord State: NH Zip Code: 03301

Facility Information:

Address of Facility: 55 Page Road

City: Bow State: NH Zip Code: 03304

Electric Service Company: Unitil Account Number: 1161871-1024512 Meter Number: 453218

Inverter Manufacturer: Enphase Model Name and Number: M215 Quantity: 29

Nameplate Rating: 215 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (AC Volts) Single x or Three \_\_\_\_\_ Phase

System Design Capacity: 7.83 (kW) \_\_\_\_\_ (kVA) \_\_\_\_\_ (kVA)

Net Metering: If Renewably Fueled, will the account be Net Metered? Yes x No \_\_\_\_\_

Prime Mover: Photovoltaic ☒ Reciprocating Engine ☐ Fuel Cell ☐ Turbine ☐ Other \_\_\_\_\_

Energy Source: Solar ☒ Wind ☐ Hydro ☐ Diesel ☐ Natural Gas ☐ Fuel Oil ☐ Other \_\_\_\_\_

UL 1741.1 (IEEE 1547.1) Listed? Yes x No \_\_\_\_\_

Estimated Install Date: September 2015 Estimated In-Service Date: September 2015

Customer Signature

I hereby certify that, to the best of my knowledge, all of the information provided in this application is true and I agree to the Terms and Conditions on the following page:

Interconnecting Customer Signature: Shawn Hassell Title: Homeowner Date: 8/22/15

**Please attach any documentation provided by the inverter manufacturer describing the inverter's UL 1741 listing.**

Approval to Install Facility (For Company use only)

Installation of the Facility is approved contingent upon the terms and conditions of this Agreement, and agreement to any system modifications, if required (Are system modifications required? Yes \_\_\_\_\_ No x To be Determined \_\_\_\_\_):

Company Signature: [Signature] Title: 1062 Dist Date: Oct 6, 2015

Company waives inspection/Witness Test? Yes \_\_\_\_\_ No \_\_\_\_\_





UNITIL ENERGY SYSTEMS, INC.  
INTERCONNECTION STANDARDS FOR INVERTERS  
SIZED UP TO 100 KVA (Continued)

**Exhibit B - Certificate of Completion for Simplified Process Interconnections**

Installation Information:

☐ Check if owner-installed

Customer(print): Shawmut  
Hessell  
Mailing Address: 30 Faye  
Dr  
City: DU State: IN Zip Code: 000  
Telephone (Daytime): 000-000-00 (Evening): 000-000-00  
Facsimile Number: 00 E-Mail Address: Shawmut@unitil.com

Address of Facility (if different from above): \_\_\_\_\_  
City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Electrical Contractor's Name (if appropriate): SunRay Solar, LLC  
Mailing Address: 124A Hall Street  
City: Concord State: NH Zip Code: 03301  
Telephone (Daytime): 603-225-6001 (Evening): \_\_\_\_\_  
Facsimile Number: \_\_\_\_\_ E-Mail Address: \_\_\_\_\_  
License number: 12245M

Date of approval to install Facility granted by the Company: 10/20/20  
15

Application ID number: 102  
7

Inspection:

The system has been installed and inspected in compliance with the local Building/Electrical Code of

Bow Moroneau  
(City/County)

Signed (Local Electrical Wiring Inspector, or attach signed electrical inspection): Bruce Buttrick

Name (printed): Bruce Buttrick

Date: 10-5-15

As a condition of interconnection you are required to send/fax a copy of this form to:

**Generator Interconnection Applications**  
**Unitil**  
**325 West Road**  
**Portsmouth, NH 03801**  
**Fax: 603-294-5226**

## New Hampshire PUC REC Certification Application Owner Statements

The information provided on this application for New Hampshire Renewable Energy Certificate eligibility is accurate to the best of my knowledge and I authorize Knollwood Energy to act on my behalf in filing said application.

The project described in this application will meet the metering requirements of PUC 2506 including:

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The meter shall be maintained according to the manufacturer's recommendations.

The project is installed and operating in conformance with applicable building codes.

A copy of the facility's interconnection agreement is attached.

Shawn J Hassell

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Printed Name of signature owner

Shawn J Hassell

Shawn J Hassell (Nov 21, 2015)

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Signature of system owner